high performance for demanding users

The 170B6 delivers high performance with Perfect Panel, faster response time, dual input and a compact base. This SmartManage-enabled monitor and its environmentally friendly lead-free design offer users the best total cost of ownership.

Outstanding front of screen performance
- Perfect Panel™ guarantees dot defect-free display
- 8-ms response time for outstanding display of moving images
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals

Best total cost of ownership solution
- SmartManage provides LAN-based asset management capabilities
- Lead-free design safeguards our environment
- Power consumption below the industry average

Maximum comfort for maximum productivity
- Built-in speakers for audio without desktop clutter
- Designed for 'just-right' height and angle adjustment

Great convenience
- USB port for convenient peripheral connections
- Embedded power supply eliminates external power adaptors

PHILIPS

17 inch LCD Monitor

Commercial Specifications

Picture/ Display

LCD panel type	1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
Panel size	17"/ 43 cm
Effective viewing area	337.9 x 270.3 mm
Pixel pitch	0.264 x 0.264 mm
Brightness (nits)	250
Contrast ratio	500:1
Display colors	16.2 M
Viewing angle (C/R > 5)	- Horizontal : 160° - Vertical : 140°
Response time	8 ms
White chromaticity, 6500° K	x = 0.313 / y = 0.329
White chromaticity, 9300° K	x = 0.283 / y = 0.297
Maximum resolution	1280 x 1024 @ 75Hz
Recommended resolution	1280 x 1024 @ 60Hz
Factory preset modes	15 modes
User definable modes	50 modes
Video dot rate	140 MHz
Horizontal scanning frequency	30 - 83 KHz
Vertical scanning frequency	56 - 76 Hz
sRGB	Yes

Connectivity

Signal input	Analog (VGA), DVI-D, PC Audio in
Audio output	Stereo Audio (3.5 mm jack) x1
USB	USB 2.0 port
Video sync input signal	Composite sync, Separate sync, Sync on green

Convenience

Built-in audio	2W RMS x 2 Stereo Speakers
Convenience enhancements	On-screen display, SmartManage enabled
Monitor controls	Auto, Brightness control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume control
OSD languages	English, French, German, Italian, Simplified Chinese, Spanish
Other convenience features	Kensington lock compatible, FlexiHolder
Plug & Play compatibility	DDC/CI, sRGB, Windows 98/ME/2000/XP
Regulatory approvals	CE Mark, E2000, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO'03, TÜV/GS, TÜV Ergo
Swivel	+/- 125°
Tilt	-5° to 25°
VESA mount	100 mm x 100 mm

Accessories

Included accessories	AC power cord, Audio cable, USB cable, VGA cable
Optional accessories	Super Ergo base
User manual	Yes

Dimensions

Depth (with base)	210 mm
Height (with base)	377 mm
Width (with base)	375 mm
Height adjustment range	70 mm
MTBF	50,000 hrs
Relative humidity	20 % - 80 %
Temperature range (operation)	5°C to 40°C
Temperature range (storage)	-20°C to 60°C
Weight	4.8 kg

Power

Complies with	E2000, Energy Star, NUTEK
Consumption	33 W (Typical)
Off mode	< 1 W
Power LED indicator	Operation, green; Stand by/sleep, amber
Power supply	Built-in, 100-240 VAC, 50/60 Hz

Product Highlights

Perfect Panel™

Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in an LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors are produced with zero tolerance for LCD panel defects and backed by our Perfect Panel™ guarantee providing repair or replacement of any LCD monitor that displays even a single defective bright or dark dot.

8-ms response time

Response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better. Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of fast-moving images.

SXGA, 1280 x 1024 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

Dual input

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

SmartManage enabled

SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Lead-free

Lead-free display products are designed and produced in compliance with strict European Community Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Lower power consumption

Reduction of the electrical power required to operate a device.

Built-in speakers

Audio speakers built into a display device

Ergonomic design

Ergonomic design makes Philips monitors 'people friendly' with tilt, swivel and height adjustment so each user can position the monitor for maximum viewing comfort and efficiency.

USB 2.0 port

The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. A USB 2.0 port located on a monitor directly in the user's line of sight provides easy, high-speed connectivity for USB devices at a convenient location.

Embedded power supply

An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

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